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FOREST SERVICE
FOREST & RANGE EXPERIMENT STATION
FORT COLLINS, COLORADO
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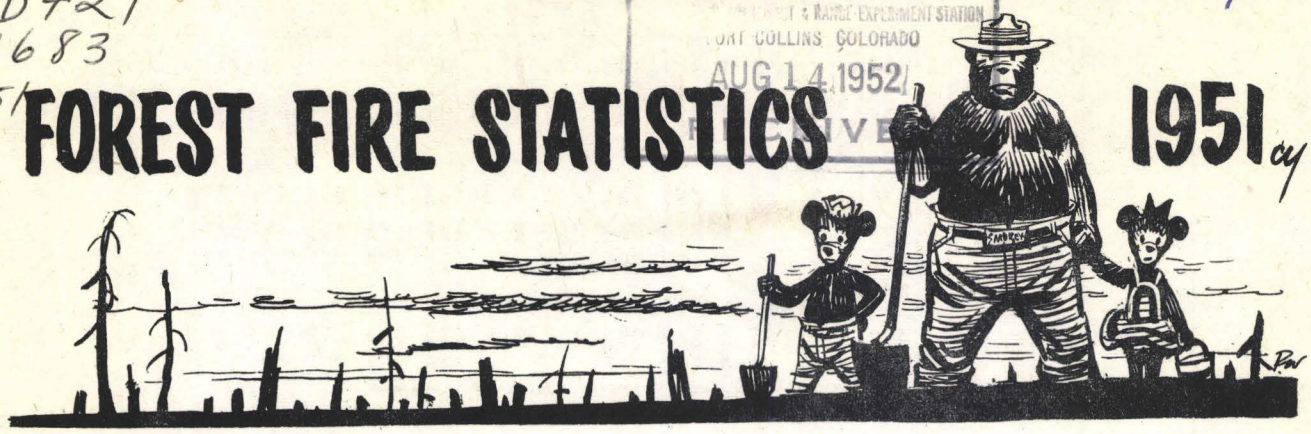
FOREST FIRE STATISTICS 1951



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This is a compilation of forest fire statistics covering the Calendar Year 1951 as reported to the United States Forest Service by its field offices, cooperating States, and the Department of the Interior, Soil Conservation Service and Tennessee Valley Authority.

The figures are shown separately by the individual States reporting and totals are also given for certain geographical groups of States. The tabulation is prepared in the following sections:

SUMMARY OF FOREST FIRE STATISTICS FOR 1951
Giving areas needing protection; areas protected and unprotected; number of fires, area burned, and estimated damage to both protected and unprotected forest lands (Pages 1 to 4).

NUMBER OF FOREST FIRES BY CAUSE AND SIZE
For protected areas only (Pages 5 to 8).

AREAS BURNED AND ESTIMATED DAMAGE
For protected areas only (Pages 9 to 12).

The statistics shown are as complete as could be compiled from reports submitted by State and Federal protection agencies but no claim is made as to their completeness or accuracy.

Since no field organizations are established in unprotected areas to report fires, the statistics on such unprotected areas are merely the best estimates by the States. They are likewise incomplete as no estimates could be obtained for Arizona, Nebraska, Kansas, North Dakota and Wyoming.

The estimates on fire damage should be used with caution. They admittedly are low because they fail to include the full and complete tangible and direct damage to timber and improvements as well as the vast amount of intangible and indirect losses resulting from forest fires, such as those caused by decay of fire damaged timber, replacement of desirable tree species by less valuable ones, soil deterioration and erosion, uncertain streamflow, destruction of game, interruption of tourist use and travel, and the like.

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ROCKY MT. FOREST & RANGE
EXPERIMENT STATION

Prepared by
Division of Cooperative Forest Protection - Forest Service
U. S. Department of Agriculture - Washington, D.C.

SUMMARY OF FOREST FIRE STATISTICS FOR THE UNITED STATES -- CALENDAR YEAR 1951

FOR PROTECTED AND UNPROTECTED AREAS, BY STATES AND GROUPS OF STATES

(Group totals are indicated following the individual States of the group)

GROUP AND STATE	PERIOD and OWNERSHIP	FOREST AREA 1/			NUMBER OF FIRES					AREA BURNED					BURNED PORTION OF AREA		DAMAGES				
		Needing Protection	Protected	Unprotected	TOTAL	On Protected Area		On Unprotected Area		TOTAL	On Protected Area		On Unprotected Area		Protected	Unprotected	TOTAL	On Protected Area		On Unprotected Area	
		M Acres	M Acres	M Acres	Number	Number	%	Number	%	Acres	Acres	%	Acres	%	%	%	Dollars	Dollars	%	Dollars	%
UNITED STATES (Exclusive of Alaska)	1951 Federal	212,846	212,502	344	8,638	8,638	100	--	--	470,868	470,868	100	--	--	.22	--	12,490,126	12,490,126	100	--	--
	State & Private	426,694	363,414	63,280	155,452	97,230	63	58,222	37	10,310,171	3,055,506	30	7,254,666	70	.84	11.46	34,006,479	15,387,045	45	18,619,434	55
	TOTAL	639,540	575,916	63,624	164,090	105,868	65	58,222	35	10,781,039	3,526,373	33	7,254,666	67	.61	11.40	46,496,605	27,877,171	60	18,619,434	40
ALASKA	1951 Federal	153,501	34,784	118,717	250	250	100	Data Incomplete		222,315	222,315	100	Data Incomplete		.64	--	965,578	965,578	100	Data Incomplete	
	Private	Data Incomplete																			
	TOTAL	153,501	34,784	118,717	250	250	100	Data Incomplete		222,315	222,315	100	Data Incomplete		.64	--	965,578	965,578	100	Data Incomplete	
ROCKY MOUNTAIN GROUP																					
ARIZONA	1951 Federal	19,025	19,025	--	1,719	1,719	100	--	--	28,660	28,660	100	--	--	.15	--	795,390	795,390	100	--	--
	State & Private	Data Incomplete																			
	TOTAL	19,025	19,025	--	1,719	1,719	100	--	--	28,660	28,660	100	--	--	.15	--	795,390	795,390	100	--	--
COLORADO	1951 Federal	17,060	17,060	--	286	286	100	--	--	2,628	2,628	100	--	--	.02	--	22,595	22,595	100	--	--
	State & Private	7,475	7,472	3	156	156	100	Unknown		11,495	11,495	100	Unknown		.15	--	92,867	92,867	100	Unknown	
	TOTAL	24,535	24,532	3	442	442	100	--	--	14,123	14,123	100	--	--	.06	--	115,462	115,462	100	--	--
IDAHO	1951 Federal	22,125	22,125	--	786	786	100	--	--	18,735	18,735	100	--	--	.08	--	127,034	127,034	100	--	--
	State & Private	6,963	6,963	--	488	488	100	--	--	14,162	14,162	100	--	--	.20	--	51,290	51,290	100	--	--
	TOTAL	29,088	29,088	--	1,274	1,274	100	--	--	32,897	32,897	100	--	--	.11	--	178,324	178,324	100	--	--
MONTANA	1951 Federal	19,105	19,105	--	284	284	100	--	--	1,284	1,284	100	--	--	.01	--	9,632	9,632	100	--	--
	State & Private	6,000	6,000	--	238	238	100	--	--	549	549	100	--	--	.01	--	4,363	4,363	100	--	--
	TOTAL	25,105	25,105	--	522	522	100	--	--	1,833	1,833	100	--	--	.01	--	13,995	13,995	100	--	--
NEBRASKA	1951 Federal	227	227	--	5	5	100	--	--	362	362	100	--	--	.16	--	135	135	100	--	--
	State & Private	Data Incomplete																			
	TOTAL	227	227	--	5	5	100	--	--	362	362	100	--	--	.16	--	135	135	100	--	--
NEVADA	1951 Federal	11,690	11,690	--	47	47	100	--	--	14,893	14,893	100	--	--	.13	--	27,968	27,968	100	--	--
	State & Private	2,150	2,150	--	67	67	100	--	--	5,884	5,884	100	--	--	.27	--	106,595	106,595	100	--	--
	TOTAL	13,840	13,840	--	114	114	100	--	--	20,777	20,777	100	--	--	.15	--	134,563	134,563	100	--	--
NEW MEXICO	1951 Federal	13,747	13,747	--	595	595	100	--	--	84,762	84,762	100	--	--	.62	--	2,761,710	2,761,710	100	--	--
	State & Private	4,060	1,105	2,955	112	97	87	15	13	12,994	9,962	77	3,032	23	.90	.10	31,987	6,687	21	25,300	79
	TOTAL	17,807	14,852	2,955	707	692	98	15	2	97,756	94,724	97	3,032	3	.64	.10	2,793,697	2,768,397	99	25,300	1
SOUTH DAKOTA	1951 Federal	1,416	1,416	--	87	87	100	--	--	55	55	100	--	--	.00	--	1,004	1,004	100	--	--
	State & Private	896	896	--	87	87	100	--	--	476	476	100	--	--	.05	--	1,344	1,344	100	--	--
	TOTAL	2,312	2,312	--	174	174	100	--	--	531	531	100	--	--	.02	--	2,348	2,348	100	--	--
UTAH	1951 Federal	15,723	15,464	259	80	80	100	--	--	842	842	100	--	--	.01	--	6,020	6,020	100	--	--
	State & Private	5,721	5,721	--	115	115	100	--	--	2,360	2,360	100	--	--	.04	--	11,670	11,670	100	--	--
	TOTAL	21,444	21,185	259	195	195	100	--	--	3,202	3,202	100	--	--	.02	--	17,690	17,690	100	--	--
WYOMING	1951 Federal	11,987	11,987	--	68	68	100	--	--	942	942	100	--	--	.01	--	1,248	1,248	100	--	--
	State & Private	1,557	85	1,472	Data Incomplete																
	TOTAL	13,544	12,072	1,472	68	68	100	--	--	942	942	100	--	--	.01	--	1,248	1,248	100	--	--
GROUP TOTAL	1951 Federal	132,103	131,844	259	3,957	3,957	100	--	--	153,165	153,165	100	--	--	.12	--	3,752,736	3,752,736	100	--	--
	State & Private	34,822	30,392	4,430	1,263	1,248	99	15	1	47,920	44,888	94	3,032	6	.15	.07	300,116	274,816	92	25,300	8
	TOTAL	166,925	162,236	4,689	5,220	5,205	100	15	--	201,085	198,051	98	3,032	2	.12	.06	4,052,852	4,027,552	99	25,300	1

1/ Includes 15,391 M acres State and privately-owned non-forest critical watershed areas.

PACIFIC GROUP																							
CALIFORNIA	1951	Federal	22,972	22,972	--	1,462	1,462	100	--	--	150,793	150,793	100	--	--	.66	--	4,577,102	4,577,102	100	--	--
		State & Private	19,500	19,500	--	2,439	2,439	100	--	--	137,851	137,851	100	--	--	.71	--	2,682,333	2,682,333	100	--	--
		TOTAL	42,472	42,472	--	3,901	3,901	100	--	--	288,644	288,644	100	--	--	.68	--	7,259,435	7,259,435	100	--	--
HAWAII	1951	Federal	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		State & Private	1,735	1,735	--	5	5	100	--	--	417	417	100	--	--	.02	--	13,620	13,620	100	--	--
		TOTAL	1,735	1,735	--	5	5	100	--	--	417	417	100	--	--	.02	--	13,620	13,620	100	--	--
OREGON	1951	Federal	18,768	18,768	--	664	664	100	--	--	41,520	41,520	100	--	--	.22	--	2,711,748	2,711,748	100	--	--
		State & Private	11,995	11,995	--	1,148	1,148	100	--	--	112,273	112,273	100	--	--	.94	--	2,444,079	2,444,079	100	--	--
		TOTAL	30,763	30,763	--	1,812	1,812	100	--	--	153,793	153,793	100	--	--	.50	--	5,155,827	5,155,827	100	--	--
WASHINGTON	1951	Federal	12,862	12,862	--	264	264	100	--	--	20,489	20,489	100	--	--	.16	--	1,094,307	1,094,307	100	--	--
		State & Private	12,329	12,329	--	2,266	2,266	100	--	--	50,172	50,172	100	--	--	.41	--	1,728,969	1,728,969	100	--	--
		TOTAL	25,191	25,191	--	2,530	2,530	100	--	--	70,661	70,661	100	--	--	.28	--	2,823,276	2,823,276	100	--	--
GROUP TOTAL	1951	Federal	54,602	54,602	--	2,390	2,390	100	--	--	212,802	212,802	100	--	--	.39	--	8,383,157	8,383,157	100	--	--
		State & Private	45,559	45,559	--	5,858	5,858	100	--	--	300,713	300,713	100	--	--	.66	--	6,869,001	6,869,001	100	--	--
		TOTAL	100,161	100,161	--	8,248	8,248	100	--	--	513,515	513,515	100	--	--	.51	--	15,252,158	15,252,158	100	--	--
EASTERN GROUP																							
CONNECTICUT	1951	Federal	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		State & Private	1,907	1,907	--	468	468	100	--	--	2,214	2,214	100	--	--	.12	--	11,608	11,608	100	--	--
		TOTAL	1,907	1,907	--	468	468	100	--	--	2,214	2,214	100	--	--	.12	--	11,608	11,608	100	--	--
DELAWARE	1951	Federal	1	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		State & Private	440	440	--	83	83	100	--	--	544	544	100	--	--	.12	--	3,532	3,532	100	--	--
		TOTAL	441	441	--	83	83	100	--	--	544	544	100	--	--	.12	--	3,532	3,532	100	--	--
KENTUCKY	1951	Federal	564	564	--	27	27	100	--	--	448	448	100	--	--	.08	--	790	790	100	--	--
		State & Private	11,253	5,067	6,186	3,740	769	21	2,971	79	251,245	13,565	5	237,680	95	.27	3.84	615,454	33,138	5	582,316	95
		TOTAL	11,817	5,631	6,186	3,767	796	21	2,971	79	251,693	14,013	6	237,680	94	.25	3.84	616,244	33,928	6	582,316	94
MAINE	1951	Federal	86	86	--	2	2	100	--	--	1	1	100	--	--	.00	--	5	5	100	--	--
		State & Private	16,692	16,692	--	422	422	100	--	--	3,704	3,704	100	--	--	.02	--	31,020	31,020	100	--	--
		TOTAL	16,778	16,778	--	424	424	100	--	--	3,705	3,705	100	--	--	.02	--	31,025	31,025	100	--	--
MARYLAND	1951	Federal	4	4	--	1	1	100	--	--	20	20	100	--	--	.50	--	50	50	100	--	--
		State & Private	2,686	2,686	--	418	418	100	--	--	2,325	2,325	100	--	--	.09	--	45,133	45,133	100	--	--
		TOTAL	2,690	2,690	--	419	419	100	--	--	2,345	2,345	100	--	--	.09	--	45,183	45,183	100	--	--
MASSACHUSETTS	1951	Federal	2	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		State & Private	3,293	3,293	--	1,139	1,139	100	--	--	9,971	9,971	100	--	--	.30	--	125,372	125,372	100	--	--
		TOTAL	3,295	3,295	--	1,139	1,139	100	--	--	9,971	9,971	100	--	--	.30	--	125,372	125,372	100	--	--
NEW HAMPSHIRE	1951	Federal	670	670	--	2	2	100	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		State & Private	4,176	4,176	--	273	273	100	--	--	2,675	2,675	100	--	--	.06	--	35,260	35,260	100	--	--
		TOTAL	4,846	4,846	--	275	275	100	--	--	2,675	2,675	100	--	--	.06	--	35,260	35,260	100	--	--
NEW JERSEY	1951	Federal	1	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		State & Private	2,294	2,294	--	1,148	1,148	100	--	--	15,007	15,007	100	--	--	.65	--	278,438	278,438	100	--	--
		TOTAL	2,295	2,295	--	1,148	1,148	100	--	--	15,007	15,007	100	--	--	.65	--	278,438	278,438	100	--	--
NEW YORK	1951	Federal	9	9	--	1	1	100	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		State & Private	13,423	13,423	--	1,236	1,236	100	--	--	11,937	11,937	100	--	--	.09	--	32,546	32,546	100	--	--
		TOTAL	13,432	13,432	--	1,237	1,237	100	--	--	11,937	11,937	100	--	--	.09	--	32,546	32,546	100	--	--
PENNSYLVANIA	1951	Federal	474	474	--	6	6	100	--	--	5	5	100	--	--	.00	--	--	--	--	--	--
		State & Private	14,659	14,659	--	850	850	100	--	--	33,742	33,742	100	--	--	.23	--	132,074	132,074	100	--	--
		TOTAL	15,133	15,133	--	856	856	100	--	--	33,747	33,747	100	--	--	.22	--	132,074	132,074	100	--	--
RHODE ISLAND	1951	Federal	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		State & Private	452	452	--	262	262	100	--	--	10,778	10,778	100	--	--	2.38	--	65,124	65,124	100	--	--
		TOTAL	452	452	--	262	262	100	--	--	10,778	10,778	100	--	--	2.38	--	65,124	65,124	100	--	--
VERMONT	1951	Federal	210	210	--	1	1	100	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		State & Private	3,504	3,504	--	115	115	100	--	--	808	808	100	--	--	.02	--	6,060	6,060	100	--	--
		TOTAL	3,714	3,714	--	116	116	100	--	--	808	808	100	--	--	.02	--	6,060	6,060	100	--	--

GROUP AND STATE	PERIOD and OWNERSHIP	FOREST AREA			NUMBER OF FIRES					AREA BURNED					BURNED PORTION OF AREA		DAMAGES				
		Needing Protection	Protected	Unprotected	TOTAL	On Protected Area		On Unprotected Area		TOTAL	On Protected Area		On Unprotected Area		Protected	Unprotected	TOTAL	On Protected Area		On Unprotected Area	
		M Acres	M Acres	M Acres	Number	Number	%	Number	%	Acres	Acres	%	Acres	%	%	%	Dollars	Dollars	%	Dollars	%
EASTERN GROUP (Continued)																					
VIRGINIA	1951 Federal	1,665	1,665	--	39	39	100	--	--	248	248	100	--	--	.01	--	393	393	100	--	--
	State & Private	12,971	12,971	--	1,955	1,955	100	--	--	15,980	15,980	100	--	--	.12	--	115,563	115,563	100	--	--
	TOTAL	14,636	14,636	--	1,994	1,994	100	--	--	16,228	16,228	100	--	--	.11	--	115,956	115,956	100	--	--
WEST VIRGINIA	1951 Federal	911	911	--	24	24	100	--	--	124	124	100	--	--	.01	--	156	156	100	--	--
	State & Private	9,038	9,038	--	1,346	1,346	100	--	--	28,403	28,403	100	--	--	.31	--	104,402	104,402	100	--	--
	TOTAL	9,949	9,949	--	1,370	1,370	100	--	--	28,527	28,527	100	--	--	.29	--	104,558	104,558	100	--	--
GROUP TOTAL	1951 Federal	4,597	4,597	--	103	103	100	--	--	846	846	100	--	--	.02	--	1,394	1,394	100	--	--
	State & Private	96,788	90,602	6,186	13,455	10,484	78	2,971	22	389,333	151,653	39	237,680	61	.17	3.84	1,601,586	1,019,270	64	582,316	36
	TOTAL	101,385	95,199	6,186	13,558	10,587	78	2,971	22	390,179	152,499	39	237,680	61	.16	3.84	1,602,980	1,020,664	64	582,316	36
SOUTHERN GROUP																					
ALABAMA	1951 Federal	700	700	--	131	131	100	--	--	2,630	2,630	100	--	--	.38	--	6,556	6,556	100	--	--
	State & Private	18,112	18,112	--	10,428	10,428	100	--	--	375,388	375,388	100	--	--	2.07	--	1,138,237	1,138,237	100	--	--
	TOTAL	18,812	18,812	--	10,559	10,559	100	--	--	378,018	378,018	100	--	--	2.01	--	1,144,793	1,144,793	100	--	--
ARKANSAS	1951 Federal	2,617	2,532	85	126	126	100	Data Incomplete		3,872	3,872	100	Data Incomplete		.15	--	11,810	11,810	100	Data Incomplete	
	State & Private	16,962	12,405	4,557	7,059	4,684	66	2,375	34	171,701	90,951	53	80,750	47	.73	1.77	596,931	354,681	59	242,250	41
	TOTAL	19,579	14,937	4,642	7,185	4,810	67	2,375	33	175,573	94,823	54	80,750	46	.63	1.74	608,741	366,491	60	242,250	40
FLORIDA	1951 Federal	1,271	1,271	--	200	200	100	--	--	52,014	52,014	100	--	--	4.09	--	227,470	227,470	100	--	--
	State & Private	19,940	12,774	7,166	25,192	10,192	40	15,000	60	3,509,374	443,374	13	3,066,000	87	3.47	42.79	7,104,170	972,170	14	6,132,000	86
	TOTAL	21,211	14,045	7,166	25,392	10,392	41	15,000	59	3,561,388	495,388	14	3,066,000	86	3.53	42.79	7,331,640	1,199,640	16	6,132,000	84
GEORGIA	1951 Federal	1,043	1,043	--	88	88	100	--	--	3,061	3,061	100	--	--	.29	--	3,419	3,419	100	--	--
	State & Private	19,968	14,889	5,079	20,574	9,667	47	10,907	53	1,108,053	218,518	20	889,535	80	1.47	17.51	4,915,552	660,524	13	4,255,028	87
	TOTAL	21,011	15,932	5,079	20,662	9,755	47	10,907	53	1,111,114	221,579	20	889,535	80	1.39	17.51	4,918,971	663,943	13	4,255,028	87
LOUISIANA	1951 Federal	588	588	--	165	165	100	--	--	6,754	6,754	100	--	--	1.15	--	15,730	15,730	100	--	--
	State & Private	14,141	9,564	4,577	8,741	8,241	94	500	6	464,085	314,085	68	150,000	32	3.28	3.28	1,316,616	866,616	66	450,000	34
	TOTAL	14,729	10,152	4,577	8,906	8,406	94	500	6	470,839	320,839	68	150,000	32	3.16	3.28	1,332,346	882,346	66	450,000	34
MISSISSIPPI	1951 Federal	1,150	1,150	--	670	670	100	--	--	8,656	8,656	100	--	--	.75	--	23,139	23,139	100	--	--
	State & Private	15,314	10,711	4,603	30,431	13,427	44	17,004	56	1,075,479	258,260	24	817,219	76	2.41	17.75	3,047,367	595,710	20	2,451,657	80
	TOTAL	16,464	11,861	4,603	31,101	14,097	45	17,004	55	1,084,135	266,916	25	817,219	75	2.25	17.75	3,070,506	618,849	20	2,451,657	80
NORTH CAROLINA	1951 Federal	1,463	1,463	--	90	90	100	--	--	2,119	2,119	100	--	--	.14	--	4,859	4,859	100	--	--
	State & Private	16,920	15,424	1,496	3,562	3,405	96	157	4	205,907	186,557	91	19,350	9	1.21	1.29	640,609	586,126	91	54,483	9
	TOTAL	18,383	16,887	1,496	3,652	3,495	96	157	4	208,026	188,676	91	19,350	9	1.12	1.29	645,468	590,985	92	54,483	8
OKLAHOMA	1951 Federal	411	411	--	64	64	100	--	--	4,485	4,485	100	--	--	1.09	--	8,489	8,489	100	--	--
	State & Private	9,779	3,572	6,207	3,745	945	25	2,800	75	939,508	82,508	9	857,000	91	2.31	13.81	1,670,097	170,097	10	1,500,000	90
	TOTAL	10,190	3,983	6,207	3,809	1,009	26	2,800	74	943,993	86,993	9	857,000	91	2.18	13.81	1,678,586	178,586	11	1,500,000	89
SOUTH CAROLINA	1951 Federal	630	630	--	131	131	100	--	--	4,139	4,139	100	--	--	.66	--	6,837	6,837	100	--	--
	State & Private	11,300	11,300	--	6,725	6,725	100	--	--	150,688	150,688	100	--	--	1.33	--	515,192	515,192	100	--	--
	TOTAL	11,930	11,930	--	6,856	6,856	100	--	--	154,827	154,827	100	--	--	1.30	--	522,029	522,029	100	--	--
TENNESSEE	1951 Federal	955	955	--	80	80	100	--	--	857	857	100	--	--	.09	--	1,577	1,577	100	--	--
	State & Private	11,967	7,200	4,767	4,792	2,911	61	1,881	39	184,942	43,942	24	141,000	76	.61	2.96	444,123	105,723	24	338,400	76
	TOTAL	12,922	8,155	4,767	4,872	2,991	61	1,881	39	185,799	44,799	24	141,000	76	.55	2.96	445,700	107,300	24	338,400	76
TEXAS	1951 Federal	692	692	--	187	187	100	--	--	1,245	1,245	100	--	--	.18	--	8,865	8,865	100	--	--
	State & Private	14,707	8,265	6,442	5,114	3,002	59	2,112	41	427,969	184,869	43	243,100	57	2.24	3.77	1,328,093	615,093	46	713,000	54
	TOTAL	15,399	8,957	6,442	5,301	3,189	60	2,112	40	429,214	186,114	43	243,100	57	2.08	3.77	1,336,958	623,958	47	713,000	53
GROUP TOTAL	1951 Federal	11,520	11,435	85	1,932	1,932	100	--	--	89,832	89,832	100	--	--	.79	--	318,751	318,751	100	--	--
	State & Private	169,110	124,216	44,894	126,363	73,627	58	52,736	42	8,613,094	2,349,140	27	6,263,954	73	1.89	13.95	22,716,987	6,580,169	29	16,136,818	71
	TOTAL	180,630	135,651	44,979	128,295	75,559	59	52,736	41	8,702,926	2,438,972	28	6,263,954	72	1.80	13.93	23,035,738	6,898,920	30	16,136,818	70

NORTH CENTRAL GROUP																							
ILLINOIS	1951 Federal	241	241	--	20	20	100	--	--	643	643	100	--	--	.27	--	408	408	100	--	--
	State & Private	3,755	3,755	--	267	267	100	--	--	9,088	9,088	100	--	--	.24	--	31,560	31,560	100	--	--
	TOTAL	3,996	3,996	--	287	287	100	--	--	9,731	9,731	100	--	--	.24	--	31,968	31,968	100	--	--
INDIANA	1951 Federal	108	108	--	1	1	100	--	--	16	16	100	--	--	.01	--	60	60	100	--	--
	State & Private	4,255	4,255	--	346	346	100	--	--	5,017	5,017	100	--	--	.12	--	22,456	22,456	100	--	--
	TOTAL	4,363	4,363	--	347	347	100	--	--	5,033	5,033	100	--	--	.12	--	22,516	22,516	100	--	--
IOWA	1951 Federal	13	13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	State & Private	1,968	1,968	--	10	10	100	--	--	278	278	100	--	--	.01	--	804	804	100	--	--
	TOTAL	1,981	1,981	--	10	10	100	--	--	278	278	100	--	--	.01	--	804	804	100	--	--
MICHIGAN	1951 Federal	2,707	2,707	--	11	11	100	--	--	19	19	100	--	--	.00	--	101	101	100	--	--
	State & Private	17,124	17,124	--	745	745	100	--	--	4,849	4,849	100	--	--	.05	--	24,271	24,271	100	--	--
	TOTAL	19,831	19,831	--	756	756	100	--	--	4,868	4,868	100	--	--	.02	--	24,372	24,372	100	--	--
MINNESOTA	1951 Federal	3,578	3,578	--	42	42	100	--	--	7,911	7,911	100	--	--	.22	--	13,435	13,435	100	--	--
	State & Private	17,996	17,996	--	595	595	100	--	--	26,272	26,272	100	--	--	.15	--	69,218	69,218	100	--	--
	TOTAL	21,574	21,574	--	637	637	100	--	--	34,183	34,183	100	--	--	.16	--	82,653	82,653	100	--	--
MISSOURI	1951 Federal	1,363	1,363	--	158	158	100	--	--	5,100	5,100	100	--	--	.37	--	19,006	19,006	100	--	--
	State & Private	13,835	6,984	6,851	5,443	2,943	54	2,500	46	905,860	155,860	17	750,000	83	2.23	10.95	2,330,267	455,267	20	1,875,000	80
	TOTAL	15,198	8,347	6,851	5,601	3,101	55	2,500	45	910,960	160,960	18	750,000	82	1.93	10.95	2,349,273	474,273	20	1,875,000	80
NORTH DAKOTA	1951 Federal	48	48	--	5	5	100	--	--	292	292	100	--	--	.61	--	343	343	100	--	--
	State & Private	919	--	919	Data Incomplete																
	TOTAL	967	48	919	5	5	100	--	--	292	292	100	--	--	.61	--	343	343	100	--	--
OHIO	1951 Federal	97	97	--	6	6	100	--	--	35	35	100	--	--	.04	--	98	98	100	--	--
	State & Private	4,973	4,973	--	615	615	100	--	--	5,690	5,690	100	--	--	.11	--	25,558	25,558	100	--	--
	TOTAL	5,070	5,070	--	621	621	100	--	--	5,725	5,725	100	--	--	.11	--	25,656	25,656	100	--	--
WISCONSIN	1951 Federal	1,869	1,869	--	13	13	100	--	--	209	209	100	--	--	.01	--	637	637	100	--	--
	State & Private	15,590	15,590	--	492	492	100	--	--	2,057	2,057	100	--	--	.01	--	14,655	14,655	100	--	--
	TOTAL	17,459	17,459	--	505	505	100	--	--	2,266	2,266	100	--	--	.01	--	15,292	15,292	100	--	--
GROUP TOTAL	1951 Federal	10,024	10,024	--	256	256	100	--	--	14,225	14,225	100	--	--	.14	--	34,088	34,088	100	--	--
	State & Private	80,415	72,645	7,770	8,513	6,013	71	2,500	29	959,111	209,111	22	750,000	78	.29	9.65	2,518,789	643,789	26	1,875,000	74
	TOTAL	90,439	82,669	7,770	8,769	6,269	71	2,500	29	973,336	223,336	23	750,000	77	.27	9.65	2,552,877	677,877	27	1,875,000	73

NUMBER OF FOREST FIRES IN THE UNITED STATES BY CAUSE AND SIZE - CALENDAR YEAR 1951

PROTECTED AREAS ONLY - BY STATES AND GROUPS OF STATES

GROUP AND STATE	PERIOD and OWNERSHIP	NUMBER OF FIRES - BY CAUSE									NUMBER OF FIRES - BY SIZE			
		Lightning	Railroads	Campers	Smokers	Debris Burning	Incendiary	Lumbering	Miscellaneous	TOTAL	Under 1/4 Acre	1/4 - 10 Acres	Over 10 Acres	TOTAL
UNITED STATES (Exclusive of Alaska)	1951 Federal	4,961	81	478	1,143	181	1,169	133	492	8,638	4,938	2,695	1,005	8,638
	State & Private	2,068	3,169	2,923	17,247	19,409	38,227	2,638	11,549	97,230	10,744	48,935	37,551	97,230
	TOTAL	7,029	3,250	3,401	18,390	19,590	39,396	2,771	12,041	105,868	15,682	51,630	38,556	105,868
ALASKA	1951 Federal	28	52	73	36	29	9	--	23	250	118	54	78	250
	Private	Data Incomplete												
	TOTAL	28	52	73	36	29	9	--	23	250	118	54	78	250
ROCKY MOUNTAIN GROUP														
ARIZONA	1951 Federal	1,528	--	44	82	5	16	2	42	1,719	1,279	395	45	1,719
	State & Private	Data Incomplete												
	TOTAL	1,528	--	44	82	5	16	2	42	1,719	1,279	395	45	1,719
COLORADO	1951 Federal	156	6	61	40	6	1	4	12	286	204	67	15	286
	State & Private	27	14	18	15	27	--	4	51	156	42	72	42	156
	TOTAL	183	20	79	55	33	1	8	63	442	246	139	57	442
IDAHO	1951 Federal	688	--	30	36	11	5	4	12	786	608	116	62	786
	State & Private	206	21	12	66	66	18	12	87	488	279	123	86	488
	TOTAL	894	21	42	102	77	23	16	99	1,274	887	239	148	1,274
MONTANA	1951 Federal	245	--	12	12	7	--	2	6	284	215	50	19	284
	State & Private	134	17	12	36	15	--	4	20	238	178	50	10	238
	TOTAL	379	17	24	48	22	--	6	26	522	393	100	29	522
NEBRASKA	1951 Federal	5	--	--	--	--	--	--	--	5	1	3	1	5
	State & Private	Data Incomplete												
	TOTAL	5	--	--	--	--	--	--	--	5	1	3	1	5
NEVADA	1951 Federal	32	--	2	8	--	--	--	5	47	22	12	13	47
	State & Private	27	6	3	12	8	3	--	8	67	32	19	16	67
	TOTAL	59	6	5	20	8	3	--	13	114	54	31	29	114
NEW MEXICO	1951 Federal	484	--	18	54	4	9	3	23	595	392	169	34	595
	State & Private	64	--	5	14	3	--	5	6	97	68	21	8	97
	TOTAL	548	--	23	68	7	9	8	29	692	460	190	42	692
SOUTH DAKOTA	1951 Federal	62	--	9	4	3	--	3	6	87	70	15	2	87
	State & Private	25	1	2	9	20	--	9	21	87	17	57	13	87
	TOTAL	87	1	11	13	23	--	12	27	174	87	72	15	174
UTAH	1951 Federal	56	--	3	14	2	--	--	5	80	58	16	6	80
	State & Private	9	20	4	18	23	--	1	40	115	18	67	30	115
	TOTAL	65	20	7	32	25	--	1	45	195	76	83	36	195
WYOMING	1951 Federal	39	--	12	14	1	--	1	1	68	59	6	3	68
	State & Private	Data Incomplete												
	TOTAL	39	--	12	14	1	--	1	1	68	59	6	3	68
GROUP TOTAL	1951 Federal	3,295	6	191	264	39	31	19	112	3,957	2,908	849	200	3,957
	State & Private	492	79	56	170	162	21	35	233	1,248	634	409	205	1,248
	TOTAL	3,787	85	247	434	201	52	54	345	5,205	3,542	1,258	405	5,205

PACIFIC GROUP														
CALIFORNIA	1951 Federal	998	15	69	204	26	36	24	90	1,462	1,054	308	100	1,462
	State & Private	559	84	61	721	254	180	146	434	2,439	1,142	869	428	2,439
	TOTAL	1,557	99	130	925	280	216	170	524	3,901	2,196	1,177	528	3,901
HAWAII	1951 Federal	--	--	--	--	--	--	--	--	--	--	--	--	--
	State & Private	--	--	--	--	2	--	--	3	5	--	--	5	5
	TOTAL	--	--	--	--	2	--	--	3	5	--	--	5	5
OREGON	1951 Federal	340	13	82	109	17	14	45	44	664	434	154	76	664
	State & Private	146	29	61	260	145	43	211	253	1,148	586	369	193	1,148
	TOTAL	486	42	143	369	162	57	256	297	1,812	1,020	523	269	1,812
WASHINGTON	1951 Federal	111	4	52	62	6	6	9	14	264	190	51	23	264
	State & Private	94	241	117	575	391	83	112	653	2,266	1,365	764	137	2,266
	TOTAL	205	245	169	637	397	89	121	667	2,530	1,555	815	160	2,530
GROUP TOTAL	1951 Federal	1,449	32	203	375	49	56	78	148	2,390	1,678	513	199	2,390
	State & Private	799	354	239	1,556	792	306	469	1,343	5,858	3,093	2,002	763	5,858
	TOTAL	2,248	386	442	1,931	841	362	547	1,491	8,248	4,771	2,515	962	8,248
EASTERN GROUP														
CONNECTICUT	1951 Federal	--	--	--	--	--	--	--	--	--	--	--	--	--
	State & Private	--	10	10	144	162	15	2	127	468	78	346	44	468
	TOTAL	--	10	10	144	162	13	2	127	468	78	346	44	468
DELAWARE	1951 Federal	--	--	--	--	--	--	--	--	--	--	--	--	--
	State & Private	--	28	--	18	29	--	3	5	83	17	54	12	83
	TOTAL	--	28	--	18	29	--	3	5	83	17	54	12	83
KENTUCKY	1951 Federal	--	4	--	11	2	6	--	4	27	5	15	7	27
	State & Private	--	19	63	184	341	111	7	44	769	6	373	390	769
	TOTAL	--	23	63	195	343	117	7	48	796	11	388	397	796
MAINE	1951 Federal	--	--	--	--	--	1	1	--	2	1	1	--	2
	State & Private	14	7	23	123	124	39	25	67	422	116	247	59	422
	TOTAL	14	7	23	123	124	40	26	67	424	117	248	59	424
MARYLAND	1951 Federal	--	--	--	1	--	--	--	--	1	--	--	1	1
	State & Private	2	59	9	155	94	33	--	66	418	69	305	44	418
	TOTAL	2	59	9	156	94	33	--	66	419	69	305	45	419
MASSACHUSETTS	1951 Federal	--	--	--	--	--	--	--	--	--	--	--	--	--
	State & Private	--	28	7	183	445	191	--	285	1,139	406	667	66	1,139
	TOTAL	--	28	7	183	445	191	--	285	1,139	406	667	66	1,139
NEW HAMPSHIRE	1951 Federal	2	--	--	--	--	--	--	--	2	2	--	--	2
	State & Private	3	29	8	81	67	15	12	58	273	129	126	18	273
	TOTAL	5	29	8	81	67	15	12	58	275	131	126	18	275
NEW JERSEY	1951 Federal	--	--	--	--	--	--	--	--	--	--	--	--	--
	State & Private	1	96	12	708	157	107	--	67	1,148	409	641	98	1,148
	TOTAL	1	96	12	708	157	107	--	67	1,148	409	641	98	1,148
NEW YORK	1951 Federal	--	--	1	--	--	--	--	--	1	1	--	--	1
	State & Private	5	62	209	493	286	52	--	129	1,236	194	818	224	1,236
	TOTAL	5	62	210	493	286	52	--	129	1,237	195	818	224	1,237
PENNSYLVANIA	1951 Federal	--	2	--	4	--	--	--	--	6	1	5	--	6
	State & Private	5	189	198	243	106	46	6	57	850	49	504	297	850
	TOTAL	5	191	198	247	106	46	6	57	856	50	509	297	856
RHODE ISLAND	1951 Federal	--	--	--	--	--	--	--	--	--	--	--	--	--
	State & Private	--	2	15	46	101	72	--	26	262	32	200	30	262
	TOTAL	--	2	15	46	101	72	--	26	262	32	200	30	262
VERMONT	1951 Federal	--	--	--	1	--	--	--	--	1	1	--	--	1
	State & Private	--	20	5	22	31	--	8	29	115	32	72	11	115
	TOTAL	--	20	5	23	31	--	8	29	116	33	72	11	116

GROUP AND STATE	PERIOD and OWNERSHIP	NUMBER OF FIRES - BY CAUSE									NUMBER OF FIRES - BY SIZE			
		Lightning	Railroads	Campers	Smokers	Debris Burning	Incendiary	Lumbering	Miscellaneous	TOTAL	Under 1/4 Acre	1/4 - 10 Acres	Over 10 Acres	TOTAL
EASTERN GROUP (Continued)														
VIRGINIA	1951 Federal	6	--	6	11	--	8	--	8	39	16	18	5	39
	State & Private	11	162	58	720	581	184	12	227	1,955	347	1,274	334	1,955
	TOTAL	17	162	64	731	581	192	12	235	1,994	363	1,292	339	1,994
WEST VIRGINIA	1951 Federal	1	10	--	7	1	--	--	5	24	4	16	4	24
	State & Private	1	92	50	561	201	225	11	204	1,346	66	793	487	1,346
	TOTAL	2	102	50	568	202	226	11	209	1,370	70	809	491	1,370
GROUP TOTAL	1951 Federal	9	16	7	35	3	15	1	17	103	31	55	17	103
	State & Private	42	803	667	3,681	2,725	1,089	86	1,391	10,484	1,950	6,420	2,114	10,484
	TOTAL	51	819	674	3,716	2,728	1,104	87	1,408	10,587	1,981	6,475	2,131	10,587
SOUTHERN GROUP														
ALABAMA	1951 Federal	14	1	4	35	5	59	1	12	131	10	78	43	131
	State & Private	99	299	251	2,138	1,900	4,663	329	749	10,428	214	4,644	5,570	10,428
	TOTAL	113	300	255	2,173	1,905	4,722	330	761	10,559	224	4,722	5,613	10,559
ARKANSAS	1951 Federal	39	--	1	31	5	31	2	17	126	28	55	43	126
	State & Private	15	123	74	956	794	2,425	90	207	4,684	514	2,446	1,724	4,684
	TOTAL	54	123	75	987	799	2,456	92	224	4,810	542	2,501	1,767	4,810
FLORIDA	1951 Federal	104	3	11	40	3	16	8	15	200	49	90	61	200
	State & Private	274	165	81	580	1,387	6,719	153	833	10,192	329	4,851	5,012	10,192
	TOTAL	378	168	92	620	1,390	6,735	161	848	10,392	378	4,941	5,073	10,392
GEORGIA	1951 Federal	6	3	4	21	28	11	1	14	88	13	36	39	88
	State & Private	156	340	111	790	2,185	3,061	374	2,650	9,667	1,722	4,474	3,471	9,667
	TOTAL	162	343	115	811	2,213	3,072	375	2,664	9,755	1,735	4,510	3,510	9,755
LOUISIANA	1951 Federal	5	1	2	36	1	106	1	13	165	15	77	73	165
	State & Private	13	56	104	726	1,162	4,662	132	1,386	8,241	135	4,198	3,908	8,241
	TOTAL	18	57	106	762	1,163	4,768	133	1,399	8,406	150	4,275	3,981	8,406
MISSISSIPPI	1951 Federal	8	2	9	89	8	478	12	64	670	68	456	146	670
	State & Private	22	112	132	1,951	2,156	7,631	281	1,142	13,427	381	7,555	5,491	13,427
	TOTAL	30	114	141	2,040	2,164	8,109	293	1,206	14,097	449	8,011	5,637	14,097
NORTH CAROLINA	1951 Federal	3	4	5	19	5	47	--	7	90	12	55	23	90
	State & Private	26	77	313	902	1,129	585	95	278	3,405	145	1,420	1,840	3,405
	TOTAL	29	81	318	921	1,134	632	95	285	3,495	157	1,475	1,863	3,495
OKLAHOMA	1951 Federal	2	--	1	14	2	27	1	17	64	9	41	14	64
	State & Private	--	3	4	97	84	729	11	17	945	45	484	416	945
	TOTAL	2	3	5	111	86	756	12	34	1,009	54	525	430	1,009
SOUTH CAROLINA	1951 Federal	5	2	3	27	1	89	--	4	131	16	74	41	131
	State & Private	61	164	172	1,704	1,332	2,683	135	474	6,725	452	3,940	2,333	6,725
	TOTAL	66	166	175	1,731	1,333	2,772	135	478	6,856	468	4,014	2,374	6,856
TENNESSEE	1951 Federal	1	6	10	16	8	32	1	6	80	16	51	13	80
	State & Private	2	74	400	335	758	1,175	93	74	2,911	101	1,892	918	2,911
	TOTAL	3	80	410	351	766	1,207	94	80	2,991	117	1,943	931	2,991
TEXAS	1951 Federal	14	--	16	69	8	55	3	21	187	42	127	18	187
	State & Private	35	35	200	679	508	974	300	271	3,002	147	1,123	1,732	3,002
	TOTAL	49	35	216	748	516	1,030	303	292	3,189	189	1,250	1,750	3,189
GROUP TOTAL	1951 Federal	201	22	66	397	74	952	30	190	1,932	278	1,140	514	1,932
	State & Private	703	1,448	1,842	10,858	13,395	35,307	1,995	8,081	73,627	4,185	37,027	32,415	73,627
	TOTAL	904	1,470	1,908	11,255	13,469	36,259	2,025	8,271	75,559	4,463	38,167	32,929	75,559

NORTH CENTRAL GROUP														
ILLINOIS	1951	Federal	--	1	1	7	3	8	--	--	20	--	11	9	20
		State & Private	--	34	3	49	157	14	4	6	267	39	113	115	267
		TOTAL	--	35	4	56	160	22	4	6	287	39	124	124	287
INDIANA	1951	Federal	--	--	--	1	--	--	--	--	1	--	1	--	1
		State & Private	--	33	2	117	144	9	--	41	346	55	193	98	346
		TOTAL	--	33	2	118	144	9	--	41	347	55	194	98	347
IOWA	1951	Federal	--	--	--	--	--	--	--	--	--	--	--	--	--
		State & Private	--	1	1	2	4	--	--	2	10	--	3	7	10
		TOTAL	--	1	1	2	4	--	--	2	10	--	3	7	10
MICHIGAN	1951	Federal	--	--	--	7	3	--	--	1	11	6	5	--	11
		State & Private	9	34	24	284	268	24	6	96	745	160	497	88	745
		TOTAL	9	34	24	291	271	24	6	97	756	166	502	88	756
MINNESOTA	1951	Federal	3	--	8	15	2	11	3	--	42	17	17	8	42
		State & Private	7	181	19	110	192	16	7	63	595	159	261	175	595
		TOTAL	10	181	27	125	194	27	10	63	637	176	278	183	637
MISSOURI	1951	Federal	2	4	1	38	2	95	1	15	158	14	93	51	158
		State & Private	--	36	42	143	1,307	1,331	28	56	2,943	161	1,368	1,414	2,943
		TOTAL	2	40	43	181	1,309	1,426	29	71	3,101	175	1,461	1,465	3,101
NORTH DAKOTA	1951	Federal	2	--	--	--	1	--	--	2	5	--	1	4	5
		State & Private	Data Incomplete												
		TOTAL	2	--	--	--	1	--	--	2	5	--	1	4	5
OHIO	1951	Federal	--	--	1	2	--	--	--	3	6	--	5	1	6
		State & Private	2	93	5	125	149	65	2	174	615	108	387	120	615
		TOTAL	2	93	6	127	149	65	2	177	621	108	392	121	621
WISCONSIN	1951	Federal	--	--	--	2	5	1	1	4	13	6	5	2	13
		State & Private	14	73	23	152	114	45	8	63	492	200	255	37	492
		TOTAL	14	73	23	154	119	46	9	67	505	206	260	39	505
GROUP TOTAL	1951	Federal	7	5	11	72	16	115	5	25	256	43	138	75	256
		State & Private	32	485	119	982	2,335	1,504	55	501	6,013	882	3,077	2,054	6,013
		TOTAL	39	490	130	1,054	2,351	1,619	60	526	6,269	925	3,215	2,129	6,269

AREAS BURNED AND DAMAGES BY FOREST FIRES IN THE UNITED STATES, BY TYPE CLASSES - CALENDAR YEAR 1951

PROTECTED AREAS ONLY - BY STATES AND GROUPS OF STATES

GROUP AND STATE	PERIOD and OWNERSHIP	PERCENT OF FOREST AREA PROTECTED	PROTECTED AREA BURNED				DAMAGE ON PROTECTED AREA			
			Forest Land	Non-Forest Land	TOTAL	Average Area per Fire	Timber Resources	Non-Timber Resources	TOTAL	Average per Acre
		Percent	Acres	Acres	Acres	Acres	Dollars	Dollars	Dollars	Dollars
UNITED STATES (Exclusive of Alaska)	1951 Federal	99.8	229,155	241,713	470,868	54.5	8,670,121	3,820,005	12,490,126	26.53
	State & Private	85.2	2,724,085	331,420	3,055,505	31.4	12,471,206	2,915,839	15,387,045	5.04
	TOTAL	90.1	2,953,240	573,133	3,526,373	33.3	21,141,327	6,735,844	27,877,171	7.91
ALASKA	1951 Federal	22.7	183,685	38,630	222,315	889.3	259,388	706,190	965,578	4.34
	Private	Data Incomplete								
	TOTAL	22.7	183,685	38,630	222,315	889.3	259,388	706,190	965,578	4.34
ROCKY MOUNTAIN GROUP										
ARIZONA	1951 Federal	100.0	15,774	12,886	28,660	16.7	539,018	256,372	795,390	27.75
	State & Private	Data Incomplete								
	TOTAL	100.0	15,774	12,886	28,660	16.7	539,018	256,372	795,390	27.75
COLORADO	1951 Federal	100.0	1,834	794	2,628	9.2	16,190	6,405	22,595	8.60
	State & Private	100.0	4,247	7,248 2/	11,495	73.7	38,522	54,345 2/	92,867	8.08
	TOTAL	100.0	6,081	8,042	14,123	32.0	54,712	60,750	115,462	8.18
IDAHO	1951 Federal	100.0	1,799	16,936	18,735	23.8	51,816	75,218	127,034	6.78
	State & Private	100.0	3,014	11,148 2/	14,162	29.0	19,093	32,197 2/	51,290	3.62
	TOTAL	100.0	4,813	28,084	32,897	25.8	70,909	107,415	178,324	5.42
MONTANA	1951 Federal	100.0	884	400	1,284	4.5	9,013	619	9,632	7.50
	State & Private	100.0	199	350	549	2.3	832	3,531	4,363	7.95
	TOTAL	100.0	1,083	750	1,833	3.5	9,845	4,150	13,995	7.64
NEBRASKA	1951 Federal	100.0	6	356	362	72.4	10	125	135	.37
	State & Private	Data Incomplete								
	TOTAL	100.0	6	356	362	72.4	10	125	135	.37
NEVADA	1951 Federal	100.0	6,713	8,180	14,893	316.9	1,125	26,843	27,968	1.88
	State & Private	100.0	857	5,027 2/	5,884	87.8	97,635	8,960 2/	106,595	18.12
	TOTAL	100.0	7,570	13,207	20,777	182.3	98,760	35,803	134,563	6.48
NEW MEXICO	1951 Federal	100.0	34,858	49,904	84,762	142.5	1,008,679	1,753,031	2,761,710	32.58
	State & Private	27.2	9,932	30	9,962	102.7	6,056	631	6,687	.67
	TOTAL	83.4	44,790	49,934	94,724	136.9	1,014,735	1,753,662	2,768,397	29.23
SOUTH DAKOTA	1951 Federal	100.0	53	2	55	.6	1,004	--	1,004	18.25
	State & Private	100.0	91	385 2/	476	5.5	952	392 2/	1,344	2.82
	TOTAL	100.0	144	387	531	3.1	1,956	392	2,348	4.42
UTAH	1951 Federal	98.4	409	433	842	10.5	2,342	3,678	6,020	7.15
	State & Private	100.0	1	2,359 2/	2,360	20.5	15	11,655 2/	11,670	4.94
	TOTAL	98.8	410	2,792	3,202	16.4	2,357	15,333	17,690	5.52
WYOMING	1951 Federal	100.0	537	405	942	13.9	456	792	1,248	1.32
	State & Private	5.5	Data Incomplete							
	TOTAL	89.1	537	405	942	13.9	456	792	1,248	1.32
GROUP TOTAL	1951 Federal	99.8	62,867	90,296	153,163	38.7	1,629,653	2,123,083	3,752,736	24.50
	State & Private	87.3	18,341	26,547	44,888	36.0	163,105	111,711	274,816	6.12
	TOTAL	97.2	81,208	116,843	198,051	38.1	1,792,758	2,234,794	4,027,552	20.34

2/ Includes "Non-Forest Critical Watershed Area" statistics as follows:

	Area Burned (Acres)	Damage (Dollars)
Colorado	7,248	54,345
Idaho	7,193	10,000
Nevada	5,027	8,960
South Dakota	376	382
Utah	2,143	8,720

PACIFIC GROUP										
CALIFORNIA	1951 Federal	100.0	63,156	87,637	150,793	103.1	3,187,661	1,389,441	4,577,102	30.35
	State & Private	100.0	46,026	91,825 2/	137,851	56.5	1,091,851	1,590,482 2/	2,682,333	19.46
	TOTAL	100.0	109,182	179,462	288,644	74.0	4,279,512	2,979,923	7,259,435	25.15
HAWAII	1951 Federal	--	--	--	--	--	--	--	--	--
	State & Private	100.0	62	355	417	85.4	620	13,000	13,620	32.66
	TOTAL	100.0	62	355	417	85.4	620	13,000	13,620	32.66
OREGON	1951 Federal	100.0	34,258	7,262	41,520	62.5	2,693,065	18,683	2,711,748	65.31
	State & Private	100.0	105,546	6,727	112,273	97.8	2,387,416	56,663	2,444,079	21.77
	TOTAL	100.0	139,804	13,989	153,793	84.9	5,080,481	75,346	5,155,827	33.52
WASHINGTON	1951 Federal	100.0	18,178	2,311	20,489	77.6	1,064,789	29,518	1,094,307	53.41
	State & Private	100.0	47,401	2,771	50,172	22.1	1,186,144	542,825	1,728,969	34.46
	TOTAL	100.0	65,579	5,082	70,661	27.9	2,250,933	572,343	2,823,276	39.96
GROUP TOTAL	1951 Federal	100.0	115,592	97,210	212,802	89.0	6,945,515	1,437,642	8,383,157	39.39
	State & Private	100.0	199,035	101,678	300,713	51.3	4,666,031	2,202,970	6,869,001	22.84
	TOTAL	100.0	314,627	198,888	513,515	62.3	11,611,546	3,640,612	15,252,158	29.70
EASTERN GROUP										
CONNECTICUT	1951 Federal	--	--	--	--	--	--	--	--	--
	State & Private	100.0	1,643	571	2,214	4.7	10,691	917	11,608	5.24
	TOTAL	100.0	1,643	571	2,214	4.7	10,691	917	11,608	5.24
DELAWARE	1951 Federal	100.0	--	--	--	--	--	--	--	--
	State & Private	100.0	544	--	544	6.6	3,532	--	3,532	6.49
	TOTAL	100.0	544	--	544	6.6	3,532	--	3,532	6.49
KENTUCKY	1951 Federal	100.0	338	110	448	16.6	688	102	790	1.76
	State & Private	45.0	13,565	--	13,565	17.6	33,138	--	33,138	2.44
	TOTAL	47.7	13,903	110	14,013	17.6	33,826	102	33,928	2.42
MAINE	1951 Federal	100.0	--	1	1	.5	--	5	5	5.00
	State & Private	100.0	2,461	1,243	3,704	8.8	22,081	8,939	31,020	8.37
	TOTAL	100.0	2,461	1,244	3,705	8.7	22,081	8,944	31,025	8.37
MARYLAND	1951 Federal	100.0	20	--	20	20.0	30	--	50	2.50
	State & Private	100.0	1,768	557	2,325	5.6	10,202	34,931	45,133	19.41
	TOTAL	100.0	1,788	557	2,345	5.6	10,252	34,931	45,183	19.27
MASSACHUSETTS	1951 Federal	100.0	--	--	--	--	--	--	--	--
	State & Private	100.0	7,684	2,287	9,971	8.8	86,258	39,114	125,372	12.57
	TOTAL	100.0	7,684	2,287	9,971	8.8	86,258	39,114	125,372	12.57
NEW HAMPSHIRE	1951 Federal	100.0	--	--	--	--	--	--	--	--
	State & Private	100.0	2,306	369	2,675	9.8	35,184	76	35,260	13.18
	TOTAL	100.0	2,306	369	2,675	9.7	35,184	76	35,260	13.18
NEW JERSEY	1951 Federal	100.0	--	--	--	--	--	--	--	--
	State & Private	100.0	14,349	658	15,007	13.1	155,190	123,248	278,438	18.55
	TOTAL	100.0	14,349	658	15,007	13.1	155,190	123,248	278,438	18.55
NEW YORK	1951 Federal	100.0	--	--	--	--	--	--	--	--
	State & Private	100.0	8,883	3,054	11,937	9.7	26,787	5,759	32,546	2.73
	TOTAL	100.0	8,883	3,054	11,937	9.6	26,787	5,759	32,546	2.73
PENNSYLVANIA	1951 Federal	100.0	5	--	5	.8	--	--	--	--
	State & Private	100.0	32,947	795	33,742	39.7	102,617	29,457	132,074	3.91
	TOTAL	100.0	32,952	795	33,747	39.4	102,617	29,457	132,074	3.91
RHODE ISLAND	1951 Federal	--	--	--	--	--	--	--	--	--
	State & Private	100.0	8,911	1,867	10,778	41.1	64,874	250	65,124	6.04
	TOTAL	100.0	8,911	1,867	10,778	41.1	64,874	250	65,124	6.04
VERMONT	1951 Federal	100.0	--	--	--	--	--	--	--	--
	State & Private	100.0	760	48	808	7.0	4,660	1,400	6,060	7.50
	TOTAL	100.0	760	48	808	7.0	4,660	1,400	6,060	7.50

2/ Includes "Non-Forest Critical Watershed Area" statistics as follows:

	Area Burned (Acres)	Damage (Dollars)
California	89,425	953,968

GROUP AND STATE	PERIOD and OWNERSHIP	PERCENT OF FOREST AREA PROTECTED	PROTECTED AREA BURNED				DAMAGE ON PROTECTED AREA			
			Forest Land	Non-Forest Land	TOTAL	Average Area per Fire	Timber Resources	Non-Timber Resources	TOTAL	Average per Acre
		Percent	Acres	Acres	Acres	Acres	Dollars	Dollars	Dollars	Dollars
EASTERN GROUP (Continued)										
VIRGINIA	1951 Federal	100.0	138	110	248	6.4	77	316	393	1.58
	State & Private	100.0	13,988	1,992	15,980	8.2	84,833	30,730	115,563	7.23
	TOTAL	100.0	14,126	2,102	16,228	8.1	84,910	31,046	115,956	7.15
WEST VIRGINIA	1951 Federal	100.0	121	3	124	5.2	69	87	156	1.26
	State & Private	100.0	25,948	2,455	28,403	21.1	96,848	7,554	104,402	3.68
	TOTAL	100.0	26,069	2,458	28,527	20.8	96,917	7,641	104,558	3.67
GROUP TOTAL	1951 Federal	100.0	622	224	846	8.2	884	510	1,394	1.65
	State & Private	93.6	135,757	15,896	151,653	14.5	736,895	282,375	1,019,270	6.72
	TOTAL	93.9	136,379	16,120	152,499	14.4	737,779	282,885	1,020,664	6.69
SOUTHERN GROUP										
ALABAMA	1951 Federal	100.0	2,607	23	2,630	20.1	4,734	1,822	6,556	2.49
	State & Private	100.0	370,538	4,850	375,388	36.0	1,098,133	40,104	1,138,237	3.03
	TOTAL	100.0	373,145	4,873	378,018	35.8	1,102,867	41,926	1,144,793	3.03
ARKANSAS	1951 Federal	96.8	2,897	975	3,872	30.7	8,893	2,917	11,810	3.05
	State & Private	73.1	90,951	--	90,951	19.4	354,681	--	354,681	3.90
	TOTAL	76.3	93,848	975	94,823	19.7	363,574	2,917	366,491	3.87
FLORIDA	1951 Federal	100.0	11,889	40,125	52,014	260.1	7,893	219,577	227,470	4.37
	State & Private	64.1	440,364	3,010	443,374	43.5	972,170	--	972,170	2.19
	TOTAL	66.2	452,253	43,135	495,388	47.7	980,063	219,577	1,199,640	2.42
GEORGIA	1951 Federal	100.0	1,759	1,302	3,061	34.8	3,085	334	3,419	1.12
	State & Private	74.6	197,414	21,104	218,518	22.6	648,080	12,444	660,524	3.02
	TOTAL	75.8	199,173	22,406	221,579	22.7	651,165	12,778	663,943	3.00
LOUISIANA	1951 Federal	100.0	6,598	156	6,754	40.9	9,518	6,212	15,730	2.33
	State & Private	67.6	314,022	63	314,085	38.1	865,699	917	866,616	2.76
	TOTAL	68.9	320,620	219	320,839	38.2	875,217	7,129	882,346	2.75
MISSISSIPPI	1951 Federal	100.0	7,843	813	8,656	12.9	15,132	8,007	23,139	2.67
	State & Private	69.9	211,762	46,498	258,260	19.2	549,212	46,498	595,710	2.31
	TOTAL	72.0	219,605	47,311	266,916	18.9	564,344	54,505	618,849	2.32
NORTH CAROLINA	1951 Federal	100.0	2,075	44	2,119	23.5	2,267	2,592	4,859	2.29
	State & Private	91.2	164,914	21,643	186,557	54.8	564,489	21,637	586,126	3.14
	TOTAL	91.9	166,989	21,687	188,676	54.0	566,756	24,229	590,985	3.13
OKLAHOMA	1951 Federal	100.0	3,807	678	4,485	70.1	5,857	2,632	8,489	1.89
	State & Private	36.5	82,508	--	82,508	87.3	160,504	9,593	170,097	2.06
	TOTAL	39.1	86,315	678	86,993	86.2	166,361	12,225	178,586	2.05
SOUTH CAROLINA	1951 Federal	100.0	2,834	1,305	4,139	31.6	5,133	1,704	6,837	1.65
	State & Private	100.0	138,901	11,787	150,688	22.4	469,859	45,333	515,192	3.42
	TOTAL	100.0	141,735	13,092	154,827	22.6	474,992	47,037	522,029	3.37
TENNESSEE	1951 Federal	100.0	834	23	857	10.7	1,241	336	1,577	1.84
	State & Private	60.2	43,942	--	43,942	15.1	105,723	--	105,723	2.41
	TOTAL	63.1	44,776	23	44,799	15.0	106,964	336	107,300	2.40
TEXAS	1951 Federal	100.0	1,064	181	1,245	6.7	8,257	608	8,865	7.12
	State & Private	56.2	165,295	19,574	184,869	61.6	614,555	538	615,093	3.33
	TOTAL	58.2	166,359	19,755	186,114	58.4	622,812	1,146	623,958	3.35
GROUP TOTAL	1951 Federal	99.3	44,207	45,625	89,832	46.5	72,010	246,741	318,751	3.55
	State & Private	73.5	2,220,611	128,529	2,349,140	31.9	6,403,105	177,064	6,580,169	2.80
	TOTAL	75.1	2,264,818	174,154	2,438,972	32.3	6,475,115	423,805	6,898,920	2.83

NORTH CENTRAL GROUP										
ILLINOIS	1951 Federal	100.0	444	199	643	32.2	89	319	408	.63
	State & Private	100.0	3,390	5,698	9,088	34.0	23,724	7,836	31,560	3.47
	TOTAL	100.0	3,834	5,897	9,731	33.9	23,813	8,155	31,968	3.29
INDIANA	1951 Federal	100.0	16	--	16	16.0	48	12	60	3.75
	State & Private	100.0	4,963	54	5,017	14.5	21,443	1,013	22,456	4.48
	TOTAL	100.0	4,979	54	5,033	14.5	21,491	1,025	22,516	4.47
IOWA	1951 Federal	100.0	--	--	--	--	--	--	--	--
	State & Private	100.0	124	154	278	27.8	496	308	804	2.89
	TOTAL	100.0	124	154	278	27.8	496	308	804	2.89
MICHIGAN	1951 Federal	100.0	8	11	19	1.7	88	13	101	5.32
	State & Private	100.0	2,994	1,855	4,849	6.5	13,770	10,501	24,271	5.01
	TOTAL	100.0	3,002	1,866	4,868	6.4	13,858	10,514	24,372	5.01
MINNESOTA	1951 Federal	100.0	224	7,687	7,911	188.4	5,375	8,060	13,435	1.70
	State & Private	100.0	4,437	21,835	26,272	44.2	33,765	35,453	69,218	2.63
	TOTAL	100.0	4,661	29,522	34,183	53.7	39,140	43,513	82,653	2.42
MISSOURI	1951 Federal	100.0	4,787	313	5,100	32.3	15,789	3,217	19,006	3.73
	State & Private	50.5	130,962	24,898	155,860	53.0	391,004	64,263	455,267	2.92
	TOTAL	54.9	135,749	25,211	160,960	51.9	406,793	67,480	474,273	2.95
NORTH DAKOTA	1951 Federal	100.0	241	51	292	58.4	--	343	343	1.17
	State & Private	--	Data Incomplete							
	TOTAL	5.0	241	51	292	58.4	--	343	343	1.17
OHIO	1951 Federal	100.0	20	15	35	5.8	78	20	98	2.80
	State & Private	100.0	1,954	3,736	5,690	9.3	9,070	16,488	25,558	4.49
	TOTAL	100.0	1,974	3,751	5,725	9.2	9,148	16,508	25,656	4.48
WISCONSIN	1951 Federal	100.0	127	82	209	16.1	592	45	637	3.05
	State & Private	100.0	1,517	540	2,057	4.2	8,798	5,857	14,655	7.12
	TOTAL	100.0	1,644	622	2,266	4.5	9,390	5,902	15,292	6.75
GROUP TOTAL	1951 Federal	100.0	5,867	8,358	14,225	55.6	22,059	12,029	34,088	2.40
	State & Private	90.3	150,341	58,770	209,111	34.8	502,070	141,719	643,789	3.08
	TOTAL	91.4	156,208	67,128	223,336	35.6	524,129	153,748	677,877	3.04

SUMMARY OF 1951 WEATHER AND FIRE SITUATIONS

Region 1 - Comprising Montana and Northern Idaho.

Severe burning conditions were experienced in northeastern Washington and parts of north Idaho. In these areas the severity of the season exceeded the past five-year average. Other parts of the region, particularly Montana, experienced a less than five-year average severity. Considering the region as a whole, the season was comparable to the past five years' average severity.

Region 2 - Comprising Colorado, Kansas, Nebraska, South Dakota and Wyoming.

The fire season in northern Colorado was very favorable. The reverse, however, was true of the southern portion of the State, where an acute situation prevailed during the period from June 20 to September 15. A very favorable situation prevailed in South Dakota. Precipitation for the most part was above normal and came during the usual critical burning period.

Region 3 - Comprising Arizona and New Mexico.

The 1951 season was of nearly normal duration. The accumulative moisture deficiency, however, was more critical than in 1950. For long periods the danger meters remained in "high" as a result of the extremely low humidity and fuel moisture. On several occasions the maximum relative humidity for a twenty-four hour period was below 20% with a minimum for days on end of only 3%. These severe burning conditions resulted in the greatest fire loss yet sustained in this region.

Region 4 - Comprising Utah, Nevada, Southern Idaho and Western Wyoming.

The same severe burning conditions which caused the unprecedented fire season in California, Oregon and Washington extended into western Nevada and southern Idaho and Utah. Lightning activity was especially pronounced during the most critical part of the fire season. June precipitation gave cheat grass and other annuals a good start and following warm weather caused a rank growth of flashy fuels and increased the fire hazard. Southern Idaho got some breaks in weather during the last 10 days of August. September temperatures averaged above normal accompanied by marked rainfall deficiencies. Burning indices ran high. Rains during the last week in October ended the fire season.

Region 5 - Comprising California.

Northern California had one of its most hazardous seasons in recent years, being devoid of rain from early May to late October. Central California was close to an average of the past six seasons. Sporadic periods of high fire danger occurred. In southern California, the early part of the season was especially dry and generally warm. The dry period of the spring months followed a dry winter causing a fire danger higher than usual. Hazard was temporarily reduced by timely rains in late summer.

Region 6 - Comprising Oregon and Washington.

The 1951 fire season was one of the worst on record. The spring period began with the longest April dry spell of record. May rainfall was well below normal and June had the least rainfall for many years. The drought continued throughout July, though scattered light rains fell during the month in some portions. The combined effects of high burning index and long intervals between wetting rains made burning conditions one of the most severe on record. Lightning occurrence was below normal. Precipitation in October ended a most extensive and critical fire season.

Region 7 - Comprising Connecticut, Delaware, Kentucky, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, Virginia and West Virginia.

Fire weather conditions on the whole were more favorable than in 1950. Rainfall was generally above normal in the north and below or near normal in the south. New Hampshire was the wettest in 50 years. Dry weather in January and February brought an early spring fire season in the southern States and severe conditions recurred in Maryland in March and April. Northward late April and early May were dry with critical fire weather and some large fires occurred in New Jersey and southern New England. Rainfall was deficient in summer and early fall but favorable distribution over most of the year contributed to low fire occurrence and losses region-wide.

Region 8 - Comprising Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee and Texas.

1951 was above normal. Precipitation was somewhat below normal in the Gulf States, but no serious protracted droughts developed. Southern Louisiana, Mississippi and Alabama experienced more than average fire danger during late summer and fall. Eastern North Carolina had a dry summer and fall but no serious difficulties developed. The northern part of the region, across Oklahoma, Arkansas and Tennessee, had sufficient precipitation to avoid serious trouble.

Region 9 - Comprising Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, North Dakota, Ohio and Wisconsin.

The Lake States enjoyed one of the best years on record. Brief dry periods during April and May caused concern but little trouble developed. Burning index reached maximum of 100 May 14 but there were no serious fires. Central States, with exception of Missouri, experienced a successful fire year. Missouri had worst January in history and a real "blow-up" occurred during Easter week.

STATUS OF STATE AND PRIVATE FOREST LAND PROTECTION C.Y. 1951